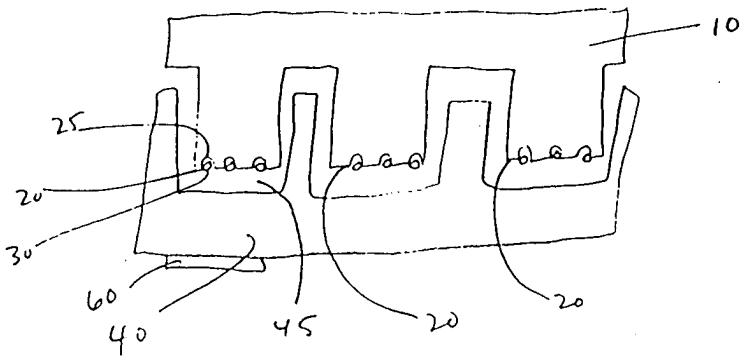


Fig 1A

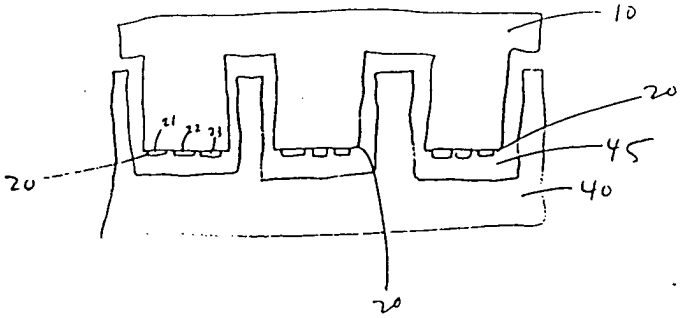


Fig 1B

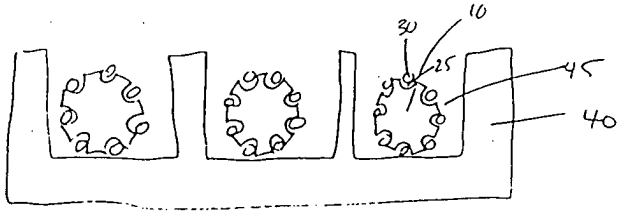


Fig 1C

Fig 1

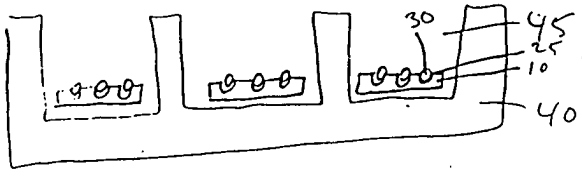


Fig 1D

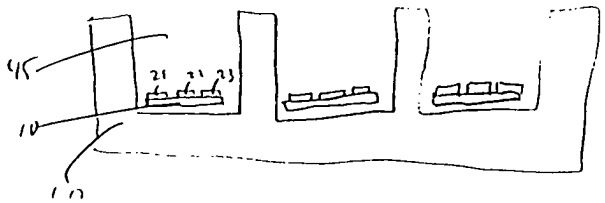


Fig 1E

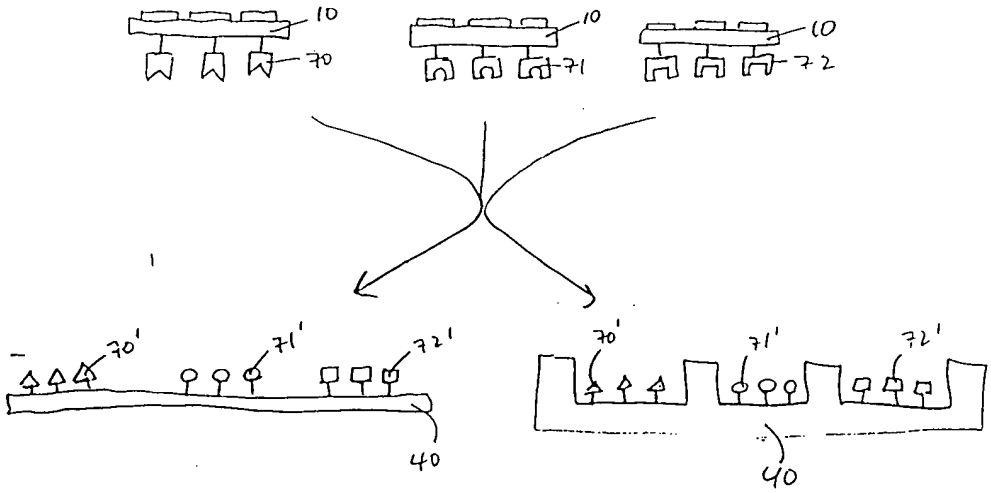
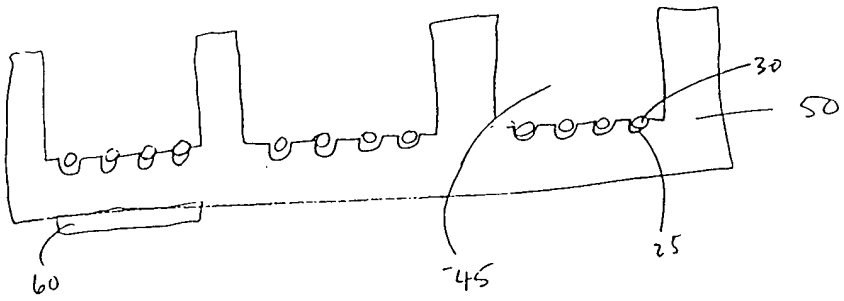


Fig 1, cont

Fig 1F

KOSTAS-T22E5650



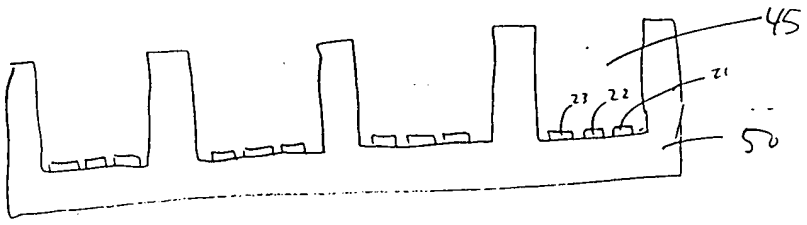


FIG 2

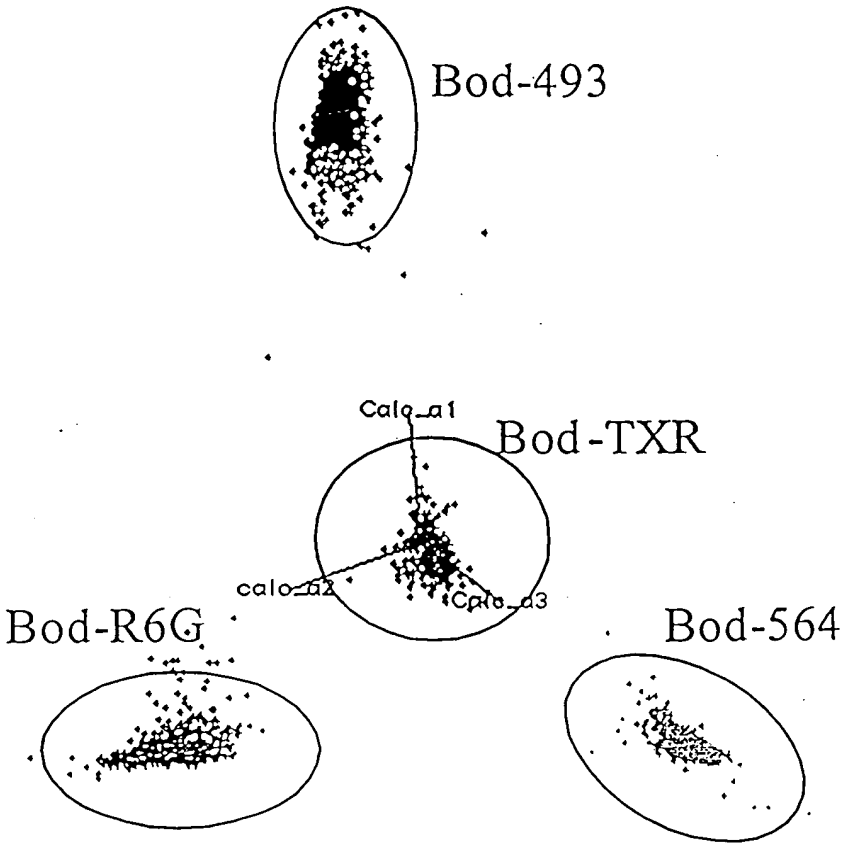


Figure 6

Fig 3

T0854D-T25850

Decoding 16 Probes

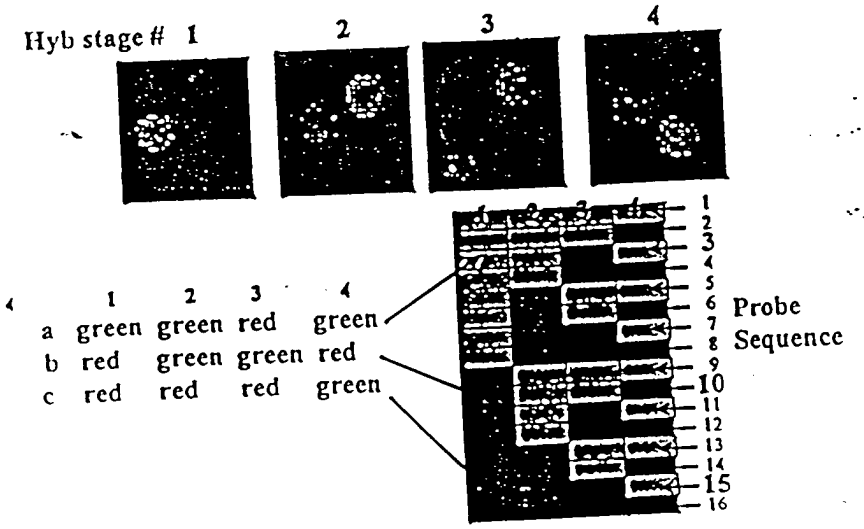


Fig 4

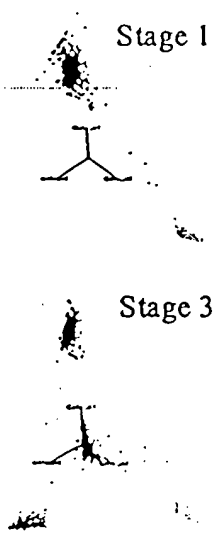
Figure 1

T0S1801-K2TE2600

128 bead types (4013 beads total)

Four dyes (Bod493, BodR6G, Bod564, BodTXR)

Four Stages



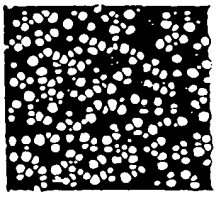


Fig 5

Figure 2

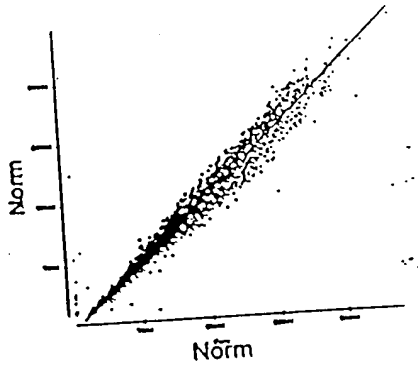
PCT/EP00/12650

GreyScale Decoding

A.

Code	S1	S2	S3
1	100	100	100
2	100	100	40
3	100	100	10
4	100	40	100
5	100	40	40
6	100	40	10
7	100	10	100
8	100	10	40
9	100	10	10
10	40	100	100
11	40	100	40
12	40	100	10
13	40	40	100
14	40	40	40
15	40	40	10
16	40	10	100
17	40	10	40
18	40	10	10
19	10	100	100
20	10	100	40
21	10	100	10
22	10	40	100
23	10	40	40
24	10	40	10
25	10	10	100
26	10	10	40
27	10	10	10

B.



C.

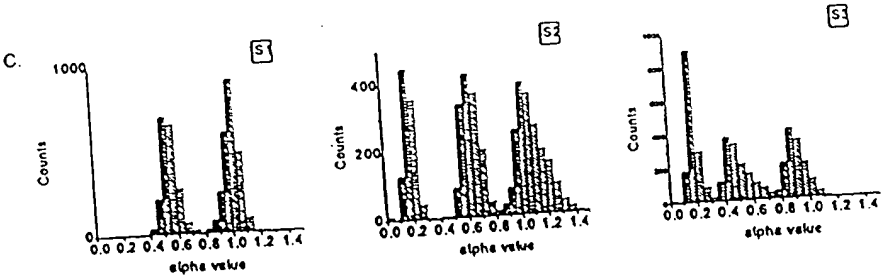
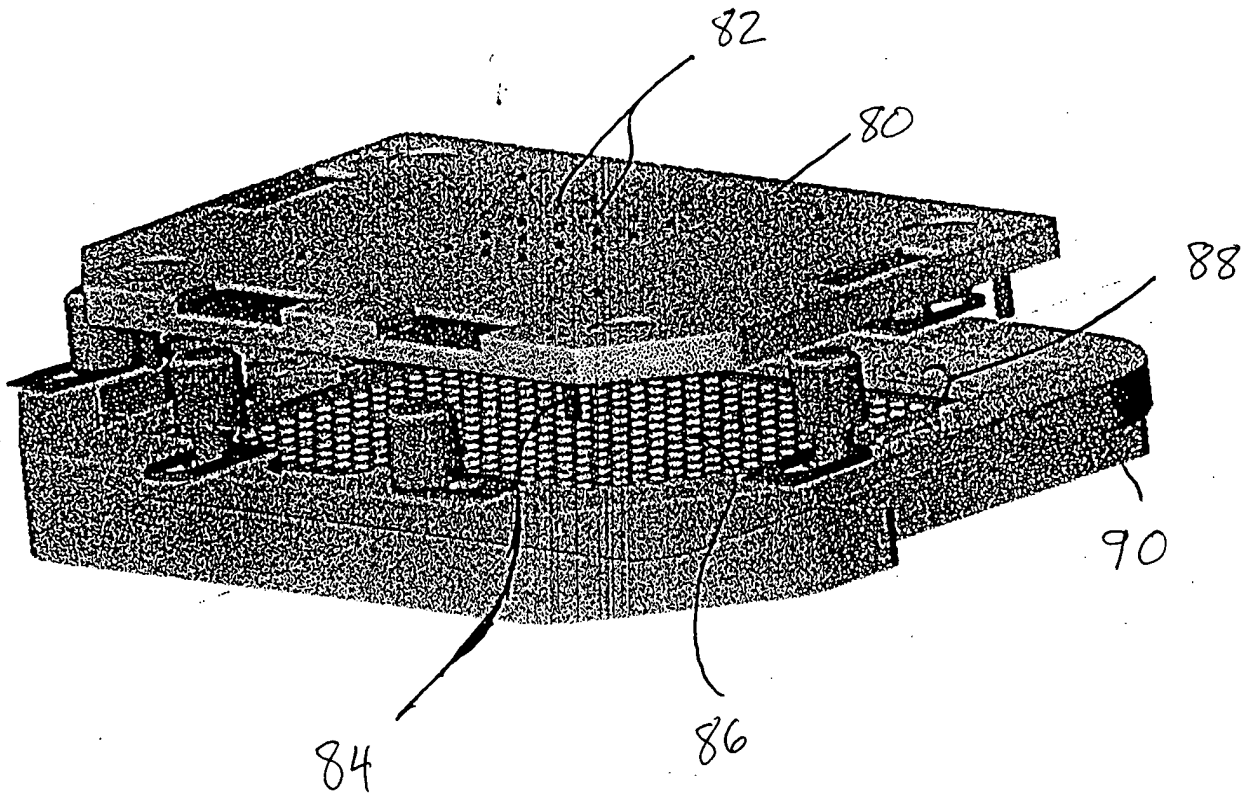


Figure 3 Fig 6

Figure 7A



T09T80"T/2TE660

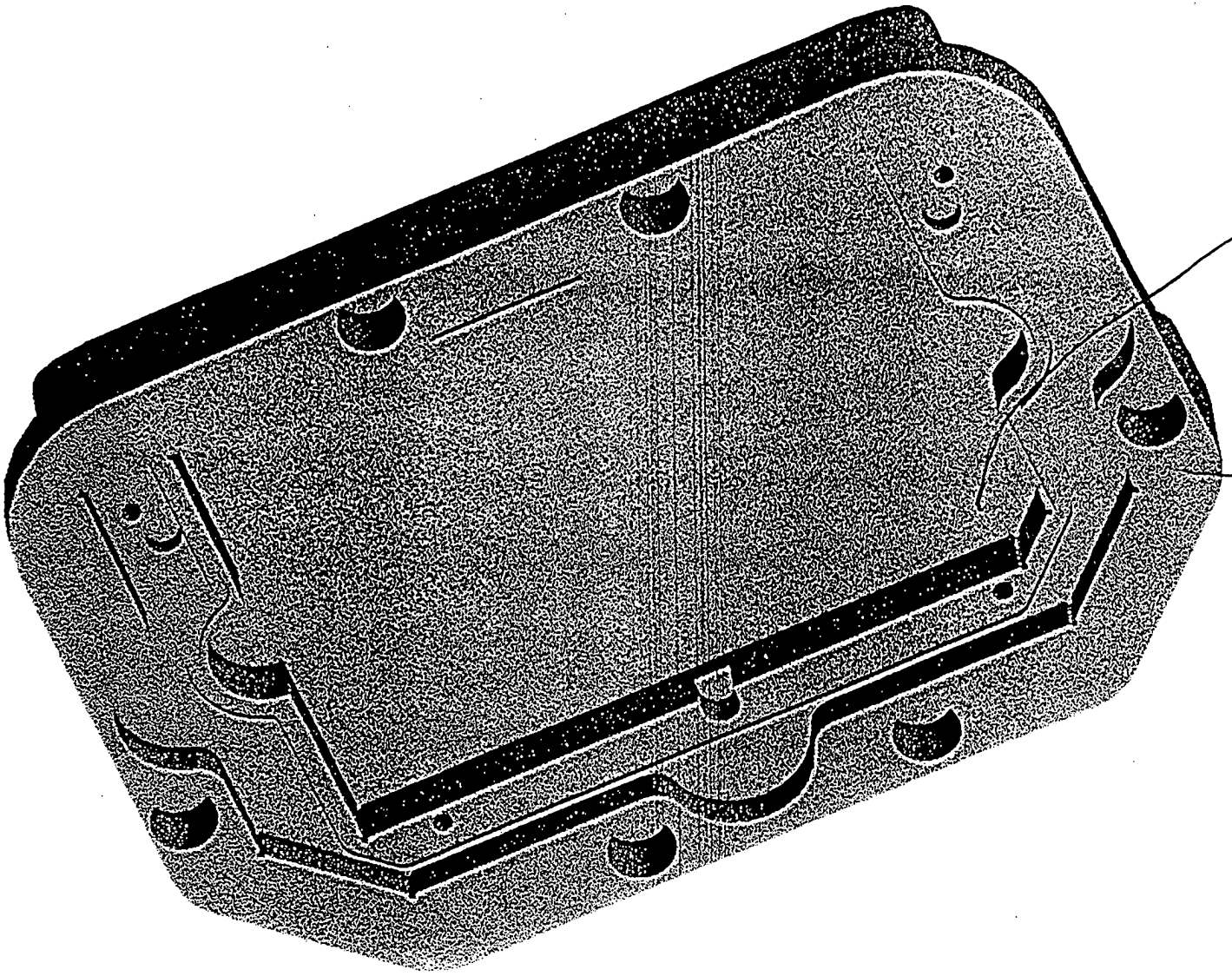
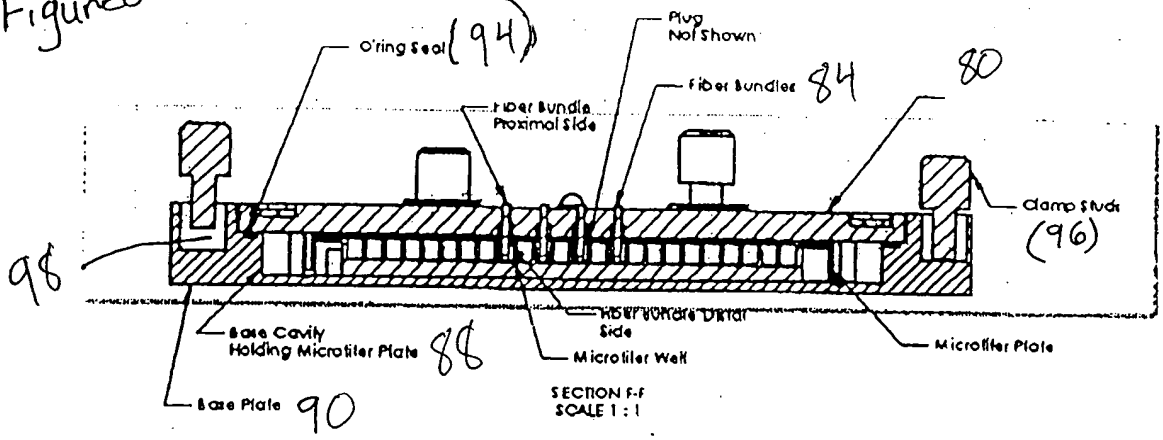


Figure 7B

Figure 8



PCT/US94/12650

TOSHIBA TV22F60

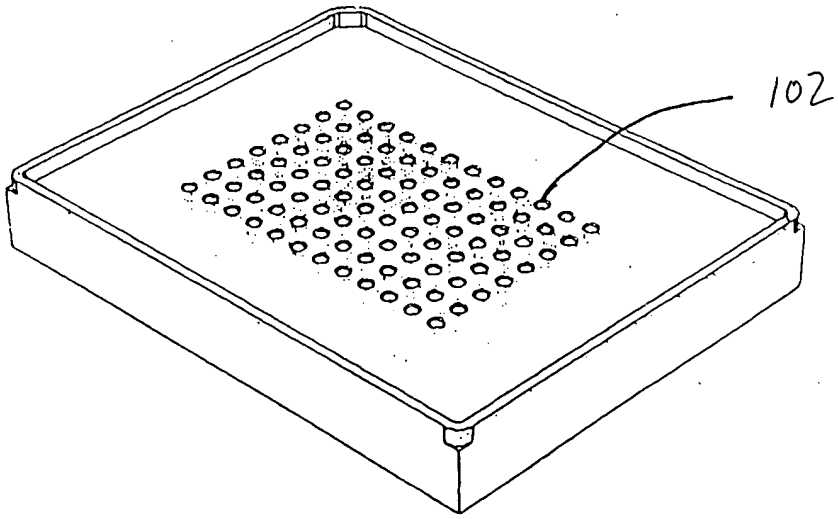


Figure 9A

Fig. 1 Base Block Concept, Isometric View

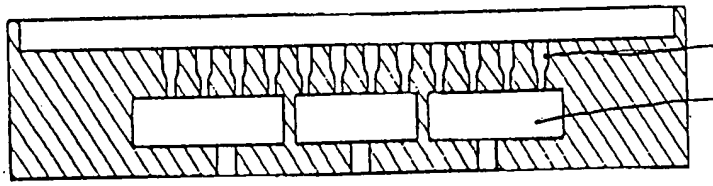
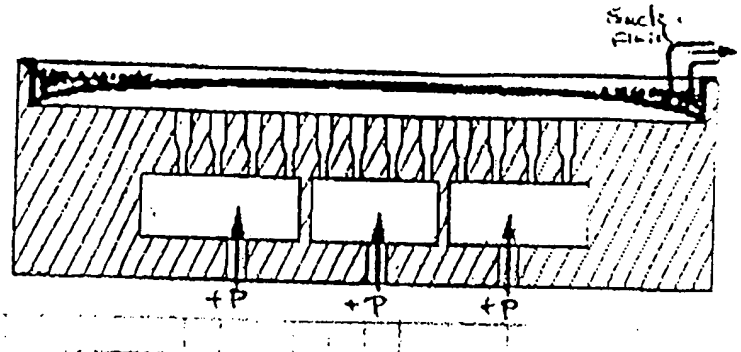


Figure 9B

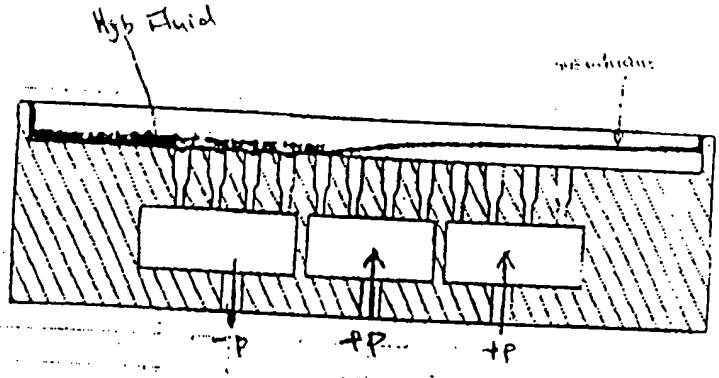
Fig. 2 Base Block Concept, Cross Section Side View

T0970D-K2TE6D0

A



B



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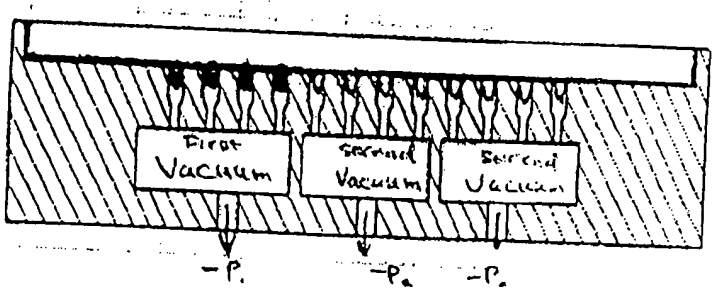

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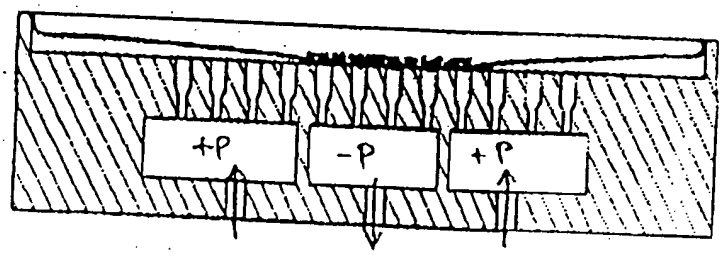
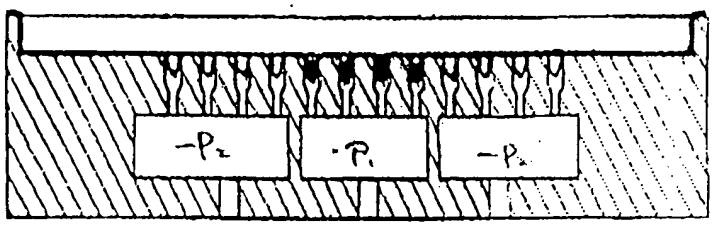


Figure 10

E



To Page No. 61

F

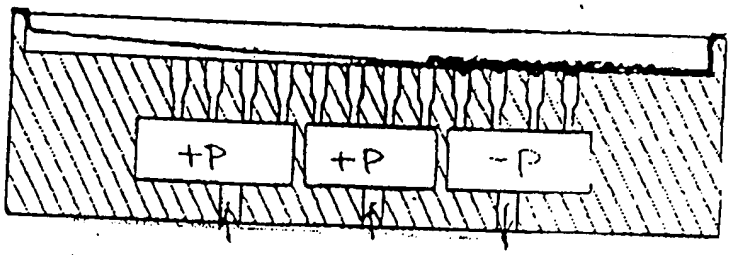


Figure 10 (cont'd)

ANALYTICAL HYBRIDIZATION

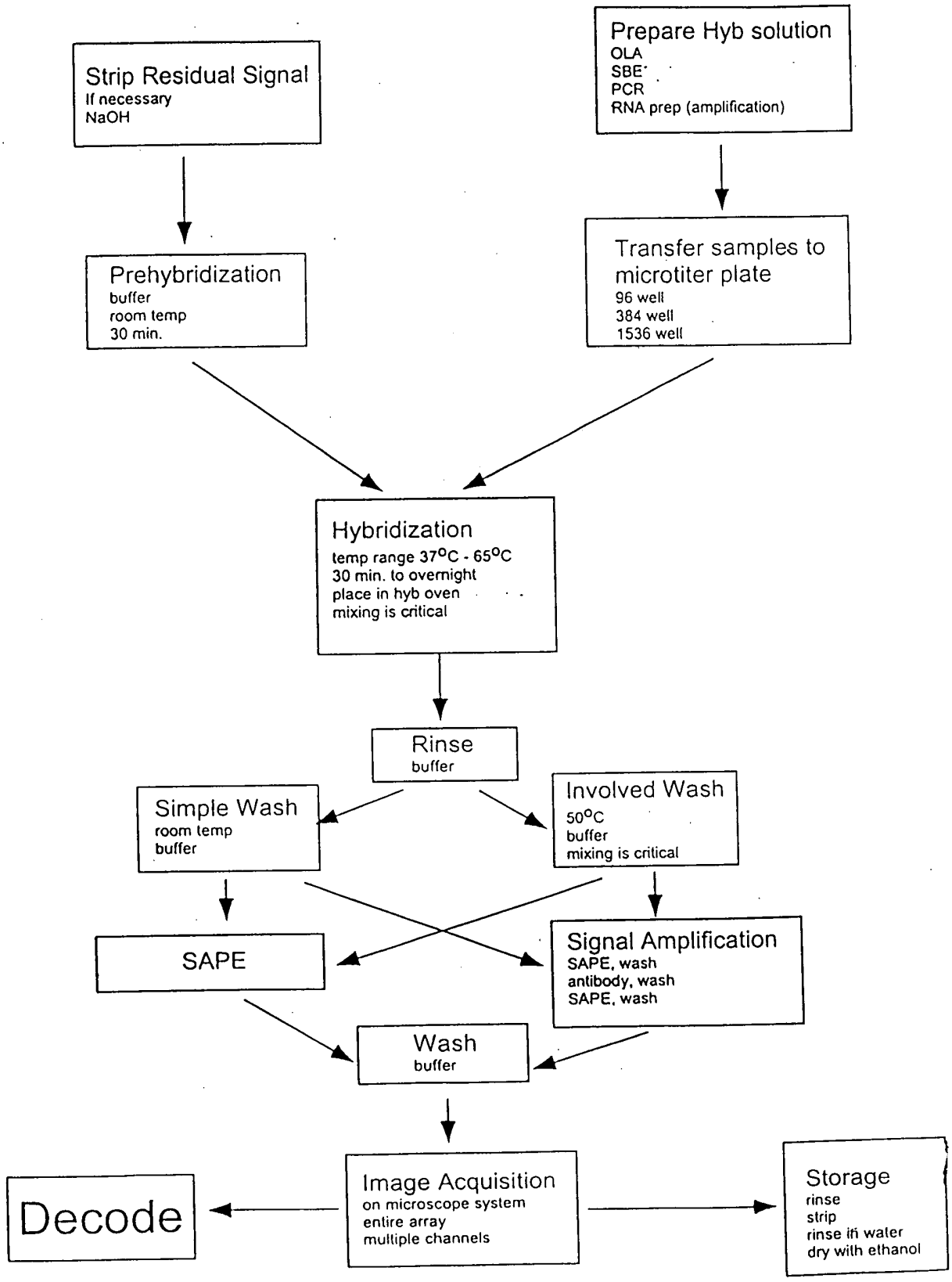


Figure 11

1007801-1727650

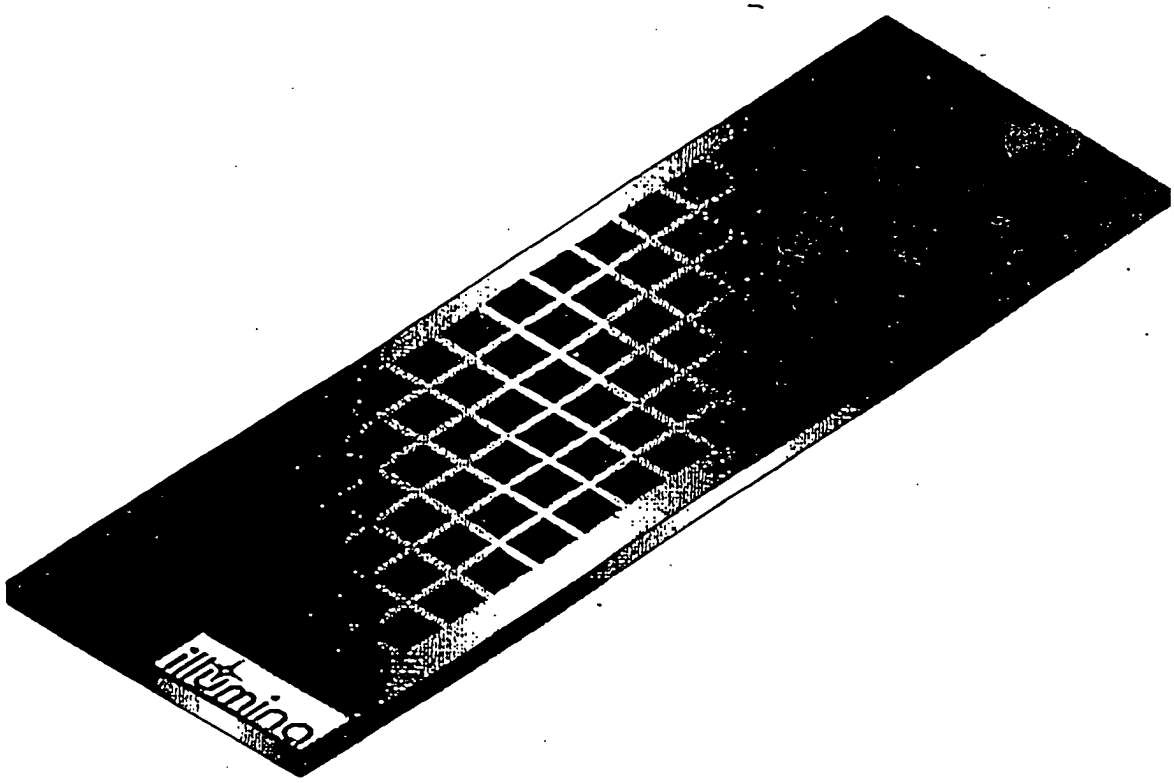


Figure 12

T09T80" T27E660

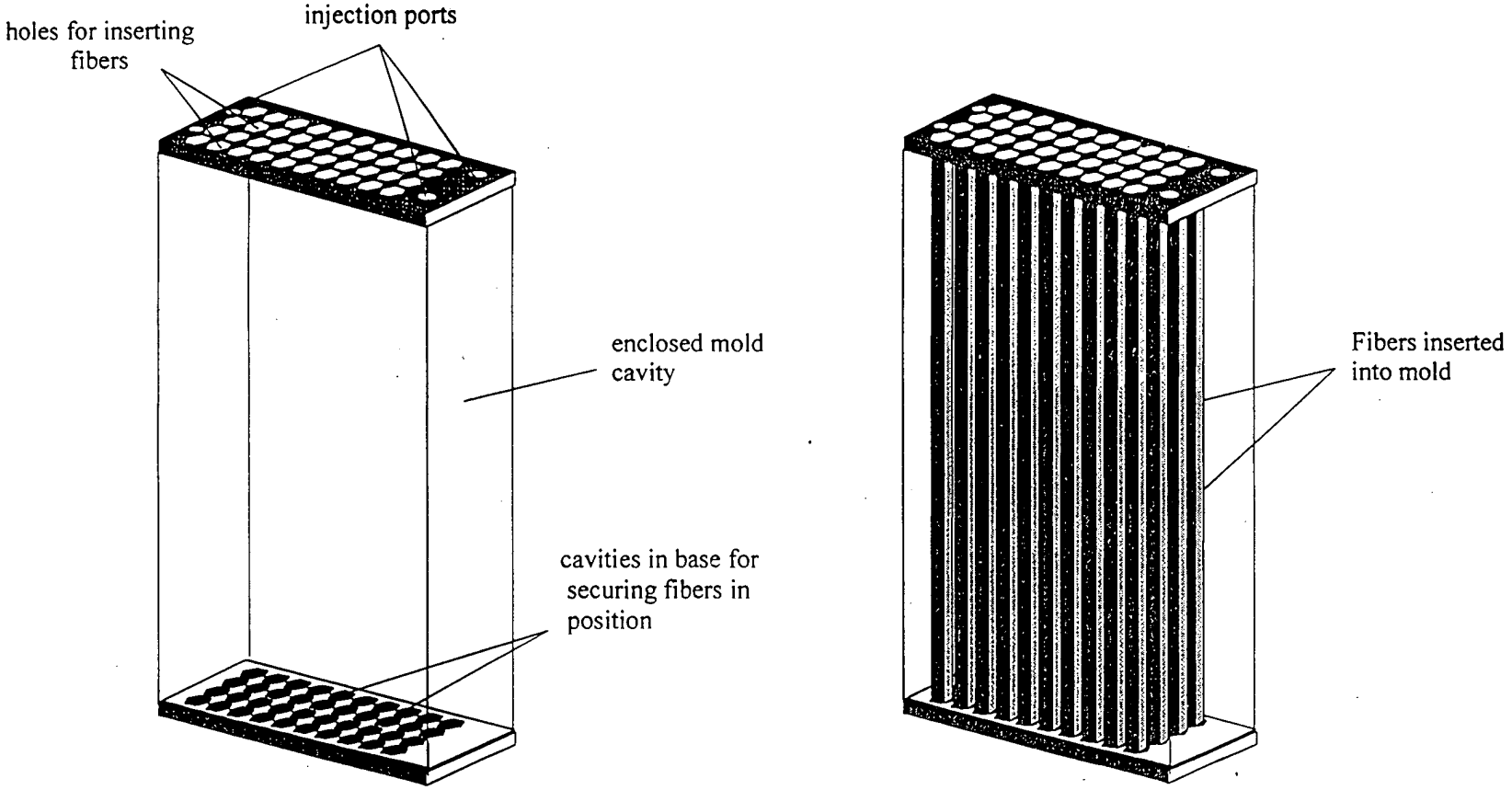
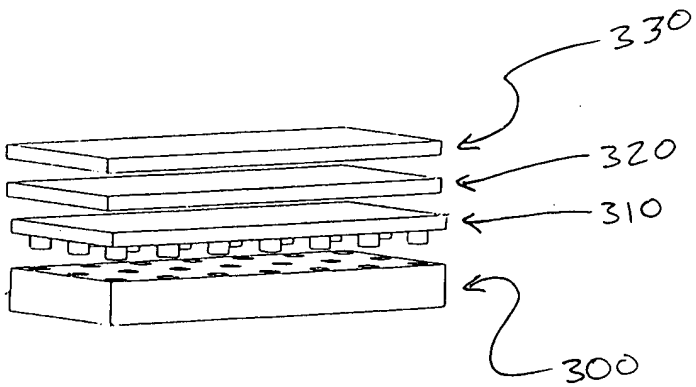
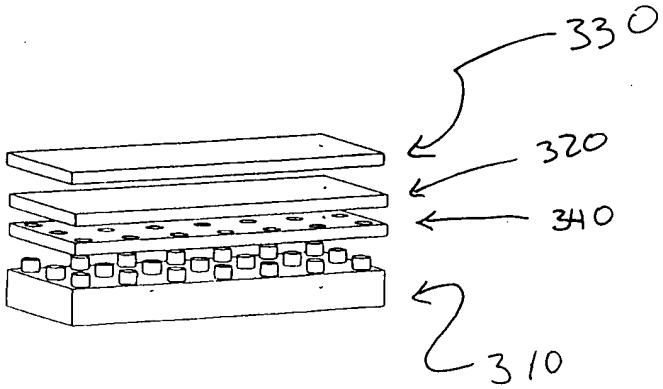


Figure 13

Replication Steps



A



B

Figure 14

T0878 T27690

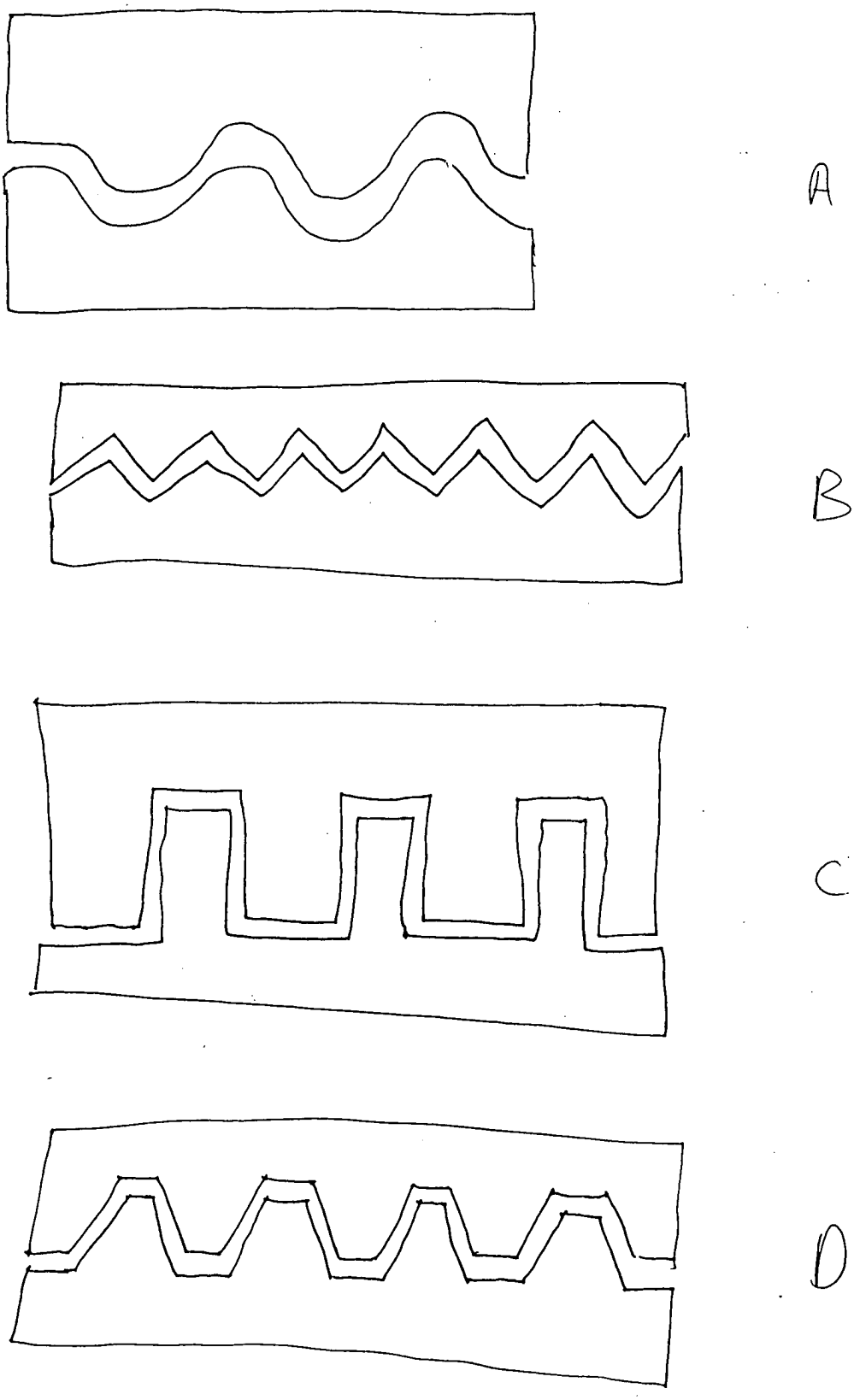
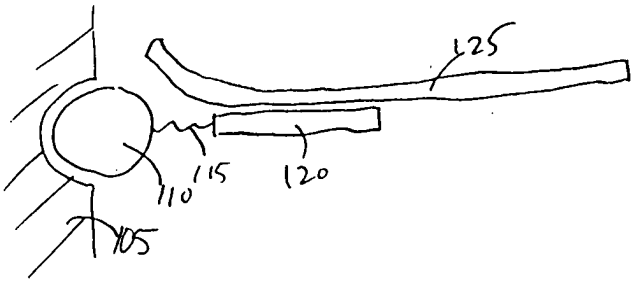


Figure 15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110
115
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105

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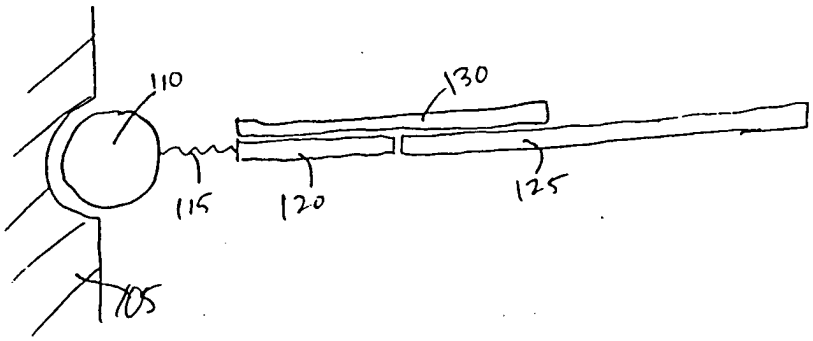
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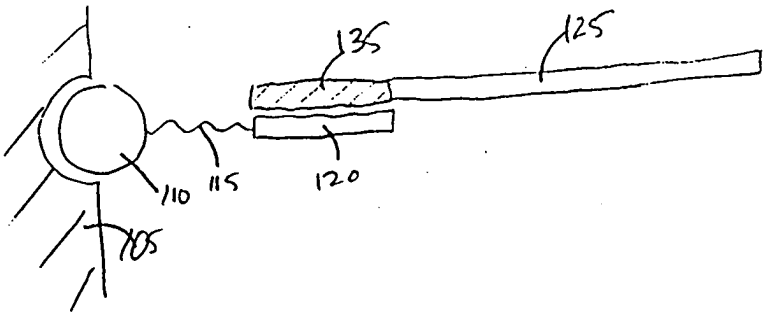
B


135
125
110
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120
105

C

Fig 16